

GZGZYAN, D. M.

PA 34/49TL3

USSR/Medicine - Chronaxia, Sep/Oct 48

Neuromyic Motor  
Medicine - Surgery, Adrenal Bodies

"The Effect of Partial Excision of the Adrenal Bodies on the Neuromyic Motor Chronaxia in Dogs," D. M. Gzgzyn, Inst of Evolutionary Physiol and Path of Higher Nervous Activity Iment Acad I. P. Pavlov, 9 pp

"Fiziol Zhur SSSR" Vol XXXIV, No 5

Describes experiments. Partial excision of adrenal bodies caused considerable changes in two dogs, indicating disruption in the

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USSR/Medicine - Chronaxia, Sep/Oct 48  
Neuromyic Motor (Contd)

neuromyic function. Three changes were distinguished: (1) in initial period, inhibited chronaxia with slight increase in rheobase, (2) in subsequent period, prolonged chronaxia with decrease in rheobase, and (3) in final period, chronaxia and rheobase values return to their initial values. In third dog, as a result of partial excision of adrenal bodies, chronaxia of nerve was lengthened, but chronaxia of muscle decreased sharply with almost no change in rheobase. Submitted 8 Aug 46.

34/49TL3

L 32684-66

ACC NR: AP6012286

Accordingly, surface tension of the F-containing AN-291 flux was compared with that of the F-free AN-292 flux by determining the maximum pressure in the gas bubble (for description of the test method, cf. S. B. Yakobashvili et al. Avtomaticheskaya svarka, no 8, 1965) with the aid of corundum capillaries of 4.5 mm diameter which were plunged into the melt to a depth of 5 mm. Surface tension  $\sigma$  was determined from the formula

$$\sigma = \frac{rg}{2} P \left( 1 - \frac{2}{3} \cdot \frac{rg}{P} - \frac{1}{6} \cdot \frac{r^2 g^2}{P^2} \right),$$

where  $r$  is the inside radius of the capillary, cm;  $g$  is the acceleration due to gravity, cm/sec<sup>2</sup>;  $P$  is the maximum pressure in the bubble, cm H<sub>2</sub>O; and  $\sigma$  is the density of slag at a given temperature, g/cm<sup>3</sup>. On this basis it is found that the surface tension of the flux AN-291 is lower (430 dynes/cm) than that of the fluorine-free flux AN-292 (610 dynes/cm). The reason for this difference is that the presence of CaF<sub>2</sub> in the flux AN-291 causes the appearance of weak F<sup>-</sup> ions which weaken the bond between the surface ions and the bulk of the melt and thus reduce surface tension. Orig. art. has: 1 table.

SUB CODE: 11, 13 SUBM DATE: none/ ORIG REF: 002

Card 2/2 BLG

L 32684-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) JD/HM

ACC NR: AP 6012286 (N) SOURCE CODE: UR/0125/65/000/011/0077/0078

AUTHOR: Yakobashvili, S. B.; Mikaberidze, R. G.; Tariyelashvili, M. G.; Gzirishvili, T. V.

ORG: none

TITLE: Surface tension of AN-291 and AN-292 fluxes

SOURCE: Avtomaticheskaya svarka, no 11, 1965, pp 77-78

TOPIC TAGS: electrosag melting flux, surface tension, fluorine, metal melting/  
/AN-291 electrosag melting flux, AN-292 electrosag melting flux

ABSTRACT: Surface effects at the metal-slag and metal-gas interfaces are of major significance to the course of the electrosag melting of metals underneath synthetic slags. Hence it is important to know the parameters of these effects and their dependence on the chemical composition of the metal and slag, as well as on the ambient medium. Until recently  $\text{CaF}_2$  has been a principal component of the fluxes used in welding and electrosag melting. Now, however, that the Ye. O. Paton Institute of Electric Welding has developed fluorine-free fluxes (based on  $\text{CaO-Al}_2\text{O}_3\text{-MgO}$ ), it was of interest to compare surface tension for these fluxes with surface tension for fluorine-containing fluxes (based on  $\text{CaF}_2\text{-Al}_2\text{O}_3\text{-CaO-Mg-O}$ ).

Card 1/2

UDC: 621.791.04

1. GZELISHVILI, YA. A.
2. USSR (600)
4. Axes - Abrolauri District
7. Treasure with Kolikh axes in Ambrolauri District. Soob. AN Gruz. SSR 12, no. 9, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

GZELISHVILI, M.S.

Clinical aspects of hemangioma of the spine with compression of the spinal cord. Zhur. nevr.i psikh. 60 no.10:1276-1280 '60.  
(MIRA 14:1)

1. Klinika nervnykh bolezney (zav. - prof. A.V. Feyzullayev)  
Azerbaydzhanskogo meditsinskogo instituta imeni N. Narimanova,  
1-ya klinicheskaya bol'nitsa imeni Semashko (glavnyy vrach A.A. Ismailov).

(SPINE---TUMORS)

(SPINAL CORD---DISEASES)

GZELISHVILI, M.S.

Compression of the spinal cord following protrusion of the inter-  
vertebral discs. Azerb.med.zhur. no.2:19-23 F '60. (MIRA 13:5)  
(SPINAL CORD--DISEASES)

GZELISHVILI, M.S., kand.med.nauk

Clinical forms of cerebral hemorrhage. Azerb.med.zhur. no.7:77-80  
Jl '58 (MIRA 11:8)

1. Klinika nervnykh bolezney Azerbaydzhanskogo gosudarstvennogo  
meditsinskogo instituta im. N.Narimanova (zav. kafedroy - prof.  
A.V. Feyzallayev).  
(BRAIN--HEMORRHAGE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800054-6

GENEIS-VASSI, E. S., PHYSICIAN

Dissertation: "Clinical Characteristics of Hemorrhoids in the Pampers of the German,"  
Cand Med Sci, Leningrad State Univ. Inst. 1941, 1942. (Abstracts only, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954)

CO: SOU 201, 1/ 001 1954



GZELISHVILI, M.S.

14. 3/57

USSR/Medicine - Brucellosis  
Medicine - Parkinsonism

Sep/Oct 48

"Torsion Spasm of Brucellosis Origin," M. S.  
Gzelishvili, Clinic of Nervous Diseases, Azerbayd-  
zhan Med Inst, 1½ pp

"Nevropatol i Psikhiat" Vol XVII, No 5

Summarizes previous reports on subject. Describes  
case of 15-year-old girl. Torsion spasm of  
brucellosis origin developed against background of  
Parkinsonism. Submitted 10 Sep 47.

23/49T86

GZELISHVILI, I.A.

Ancient iron metallurgy in Madneuli. Scob. AN Gruz. SSR 39  
no.2:507-512 Ag '65. (MIRA 18:9)

MEDVEDEV, S. V.; BUNE, V. I.; GZELISHVILI, I. A.; KARAPETYAN, B. K.;  
KATS, A. Z.; LYAMZINA, G. A.; PIRUZYAN, S. A.; POPOV, V. V.;  
SAMKOV, B. N.; SHAGINYAN, S. A.

Instructions on conducting seismic microzoning. Trudy Inst. fiz.  
Zem. no. 22, Vop. inzh. seism. no. 7: 112-122 '62.  
(MIRA 15:10)

(Seismology)

GZELISHVILI, I.A.

Problems of stratigraphy in the "Sagvardzhile" cave. Soob. AN Gruz. SSR 14 no.9:569-575 '53. (MIRA 7:5)

1. Akademiya Nauk Gruzinskoy SSR, Institut istorii im. I.A. Dzhavakhishvili, Tbilisi. Predstavleno deystvitel'nym chlenom Akademii N.A. Berdzenishvili. (Georgia--Excavations (Archaeology)) (Excavations (Archaeology)--Georgia)

GZELISHVILI, I.A.; SAFARYAN, A.N.

Seismic microregions and their significance. Trudy Inst. stroi.  
dela AN Gruz. SSR 3:171-182 '51. (MLRA 9:10)

(Microseisms)

1. GZELISHVILI I.A.
2. USSR (600)
4. Tiflis- Bridges, Stone
7. Ancient Tiflis bridge across the Vera. Soob. AN Gruz. SSR 11. no.2, 1950.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GZELISHVILI, I.A.

Effect of microgeology on the earthquake-resistance of buildings  
according to data of the northern Fergana earthquake, November 3,  
1946. Soob.AN Gruz.SSR 9 no.3:179-183 '48. (MIRA 9:7)

1.Akademiya nauk Gruzinskey SSR, Institut stroitel'nogo dela,  
Tbilisi. Predstavlene deystvitel'nym chlenom Akademii K.S.Zavriyevym.  
(Fergana--Earthquake)

GZELISHVILI, I.A.; SAFARYAN, A.N.

~~RESTRICTED INFORMATION~~  
Results of seismic microdistricting in the inhabited places of the  
Georgian S.S.R. Trudy Inst.stroi.dela AN Gruz.SSR no.1:167-183 '48.  
(MLRA 9:8)

(Georgia--Earthquakes)



GZELISRVIII, I.A.

Iron foundry in Poladauri. Sub. AN Gruz. SCR 45 n. 1974-75.  
S '64. (MIA 1974)

CZECHZYNSKI, T.; WOJCIECHOWSKI, E.

Floor beams with greater endurance and friction resistance. p. 268.  
PRZEGLAD KOLEJOWY. Warszawa. Vol. 7, No. 7, July 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March 1956

GZEBALA, Teresa, inż.

Review of Hydrometeorological phenomena in November 1964. Gosp  
wodna 25 no.2:78 F '65.

1. Department of Hydrological Prognoses of the State Institute of  
Hydrology and Meteorology, Warsaw.

GZARKOWSKI, Jozef; GAJZLER, Regina; KOZMINSKA, Anna; PIEKARSKA, Zofia

Electrophoretic studies of lipoproteins in certain skin diseases.  
Przegl.derm. Warsz. 47 no.5:377-384 S.O '60.

1. Z b Instytutu Dermatologii i Wenerologii w Warszawie Dyrektor:  
doc. dr J.Suchanek. Kierownik Działu Dermatologii: prof. dr  
E.Bruner [deceased]. Kierownik Sekcji Biochemicznej: doc. mgr  
J.Dzulynska. Z Kliniki Dermatologicznej A.M. w Warszawie  
Kierownik: prof. dr S.Jablonska.  
(DERMATOLOGY blood)  
(LIPOPROTEINS blood)

GZAPLA, I.

Flights of glider pilots of the Kielce Aero Club. p. 366. (SKRZYDLATA POLSKA, Vol. 10, No. 23, June 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

GZAL, J.

GZAN, J. Grzech (Sin) in Szczekociny. p. 3. Vol. 8, no. 47, Kov. 1955.  
ROLNIK SŁOUDZIEICA. Warszawa, Poland.

SO RCE: East European Accessions List (EEAL) L1 Vol. 5, no. , June 1956

GZAGANY, Ferenc, dr. foorvos.

Care of rheumatics; plan. Nepesegszsegugy 38 no.3:67-70  
Mar 57.

(RHEUMATISM

med. care serv. in Hungary, plan for organiz. (Hun))

BULGARIA/Cultivated Plants - Commercial. Oil-Bearing.  
Sugar-Bearing.

M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29967

Author : Gyuzelev, L.

Inst :

Title : Water Conditions in Tobacco Seedling Cultivation.

Orig Pub : Nauchn. tr. Vissh. in-t khranit. i vkus. prom-st. Plovdiv,  
1956, 3, 333-342 (Bulg.; res. Russ.)

Abstract : Investigations made under hotbed conditions with differing soil moistures (40, 60, and 80% of the full moisture capacity limit) have shown that for the best tobacco seedling development before the double true leaf stage the soil should not be less than 70-80% of its full moisture-holding capacity. Seedling development slows up when the moisture drops to 60% or below. The soil surface layer (6-7 cm. deep) in which the plant root system is concentrated dried up within two days to the wilting point.

Card 1/2



LABORI, A. [Laborit, A.]; KINLIN, Zh.; RISHAR, S.; NIOSCA, R.; ZHUANI, Zh.M.;  
MARTIN, Zh.; VEBER, V.; GYUYO, Zh.; BARRON, S.

Experimental bases for artificial cardiac arrest and artificial  
exclusion of brain activity. Trudy 1-go MSU 11:158-172 '61.

(MIRA 15:5)

1. Laboratoriya fiziologii tekhnicheskoy seksii voyennogo vedomstva  
i nauchnyy tsentr izucheniya cheloveka, Frantsiya.

(HEART FAILURE)

(BRAIN)

GYUTTER, G., dipl.inzh.

Possibilities for the creation of lighter cars. Zhel.dor.transp. 42  
no.11:82-85 N '60. (MIRA 13:11)

1. Predsedatel' VI komissii Organizatsii sotrudnichestva zheleznykh  
dorog sotsialisticheskikh stran.  
(Railroads--Cars--Construction)

AGHASYAN, R.R.; DANILYUKYAN, P.D.

New and rare species of bats in the Armenian S.S.R. Izv. AN  
Arm. SSR biol. nauk 16 no.3:113-114 Ag '63 (MIRA 17:4)

1. Biologicheskii institut' Yerevanskogo gosudarstvennogo  
universiteta.

GYUSYAN, R.R.

Some problems with regard to the biology of the water rat  
(*Arvicola terrestris*) in the Miskhana Valley in spring and  
summer [in Armenian with summary in Russian]. Nauch.trudy  
Brev.un. 64:215-222 '58. (MIRA 11:12)

1. Kafedra zoologii Yerevanskogo gosudarstvennogo universiteta.  
(Miskhana Valley--Field mice)

H/021/63/000/001/001/001  
D296/D307

Investigation of the ...

tic effect of that preparation. There are 1 figure and 2 tables.

ASSOCIATION:

Fővárosi Tanács István Kórház Röntgen Osztály és  
Országos Közegészségügy Intézet Koréléttani Osztály  
(Department of Radiology, St. Stephen's Hospital,  
Metropolitan Council of Budapest, and Department of  
Physiology, National Institute of Public Health)

Card 3/3

Investigation of the ...

H/021/63/000/001/001/001  
D296/D307

injection of 5 ml/kg of a 5% aqueous starch solution causes a marked granulocytosis in normal rabbits, but exposure to 400 r suppresses this bone marrow response. Experiments on 19 rabbits revealed no difference between irradiated rabbits treated and not treated with Lambratene. The bone marrow response after injection of starch was absent in both groups, i.e. Lambratene failed to protect the bone marrow against the damaging effect of radiation. In the third group of experiments the authors carried out partial exstirpation of the liver in 79 rats from the same breeding station of the National Institute of Public Health and assessed the regeneration of liver tissue, by the formula of Canzanelli (Canzanelli et al., Endocrinology, v. 91, 45, 1949). In 27 non-irradiated rats the liver regeneration index was 86.4%. In 17 rats exposed to 500 r this index fell to 59.6%. In 9 irradiated rats treated with Lambratene given in a dose of 0.1 mg/g by intraperitoneal injection 5 minutes before exposure, the liver regeneration index reached 79.8%, i.e. the regenerating capacity of the liver was almost fully restored. Treatment of 10 non-irradiated rats with Lambratene caused a slight fall in the regeneration index (to 86.4%), a fact explained by the antimito-

Card 2/3

H/021/63/000/001/001/001  
D296/D307

AUTHORS: Sulyok, N.S., Czeizel, E., Gyürü, G. and Vaczó, G.,  
Doctors

TITLE: Investigation of the protective effect of cystamine

PERIODICAL: Magyar Radiologia, no. 1, 1963, 49-51

TEXT: The authors exposed 20 white mice each weighing 17-23 g, to total body radiation in a dose of 650 r (180 kV, 15 mA, 0.5 mm Cu filter, distance 40 cm, dose rate 67.6 r/min). 10 mice were given 0.15 mg/g 'Lambratene' (a preparation of cystamine or  $\beta$ -mercaptoethylanine, produced by Bracco Industria Chimica S.p.A., Milan) 5 minutes before exposure, and 10 others served as a control. Seven days after exposure only 4 of the control mice and 9 of the mice treated with Lambratene were alive. After 12 days all control mice had perished but 9 mice of the treated group were still alive, demonstrating the protective effect of cystamine. To show whether Lambratene protected the bone marrow function against radiation the authors used Kertai's starch test (Kiserl. Orvostud, v. 10, 15 (1958)).

Card 1/3

W. LEICHTNER, Zsuzsa, dr.; GYURU, Geza, dr.

Circumscribed thinning of the parietal bone. Magy. radiol.  
15 no. 5:296-298 S '63.

1. Fovarosí István korhaz es XXI ker. Korhaz kozlemenye.  
(OSTEOPOROSIS) (PARIETAL BONE)  
(RADIOGRAPHY) (PATHOLOGY)



ILLEGIBLE

WEILNER, Lechner Zauzsa, dr.; GYURU, Goza, dr.

The advantage of cholangiography and cholecystography performed with  
Opbil in demonstrating gallbladder adhesions. Orv. hetil. 103 no. 37:  
1749-1750 16 S 1962.

1. Fovarost Istvan Korhaz, Rontgenosztaly.  
(CHOLECYSTOGRAPHY) (CHOLANGTOGRAPHY)  
(CONTRAST MEDIA) (GALLBLADDER) (ADHESIONS)

GYURU, Geza, dr.; BERNAD, Ilona, dr.

A case of intrathoracic duplication of the esophagus, stomach and small intestine. Magy radiol. 14 no.1:40-44 Ja '62.

1. Fovarosi Istvan Korhaz (igazgato: Katona Istvan dr.) Rontgenosztalyanak  
(foorvos: W. Lechner Zsuzsa dr.) kozlemenye.

(GASTROINTESTINAL SYSTEM abnormal)

WEILNE, Lechner Zsuzsa, dr.; GYURU, Geza, dr.

A rapid method for oral cholangiocystography and duodenal catheterization. Orv. hetil. 102 no. 52:2459-2462 D '61.

1. Fovárosi István Korház, Röntgen Osztály.

(CHOLECYSTOGRAPHY) (CATHETERIZATION)

HUNGARY

FEHER, Gyorgy, Dr. docent, candidate, GYURU, Ferenc, Dr. adjunctus; Veterinary Medical University, Department of Anatomy and Histology (chairman; KOVACS, Gyula, Dr. professor, doctor of vet. sci.) (Allatorvostudományi Egyetem, Anatómiai és Szövetani Tanszék).

"Double Cattle Monsters."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 7, Jul 66, pages 317-320.

Abstract: [Authors' English summary modified] The rarely occurring symmetric duplications of connected twin monster abnormalities, i.e. complete duplication of upper-middle-and lower-connection as well as the incomplete duplication of upper and lower connection were studied in the offspring of 7 cows. At birth each of the calves were alive but only the upper imperfectly-doubled monster survived for as long as 43 days. The various findings are described in detail. No references.

FEHER, Gy.; GYURU, P.; FEHER, J.

*Specialized literature*  
Data on intersexuality in cattle. Acta vet. Acad. sci. Hung.  
15 no.3:61-82 '65

1. Institut für Anatomie und Histologie (Direktor: Prof. Gy.  
Kovacs) der Veterinärmedizinischen Universität, Budapest.

HAMORI, Dezso, dr., foallatorvos, kandidatus; GYURU, Ferenc, dr., egyetemi  
adjunktus

Inherited hypoplasia of sexual organs in Hungarian spotted cattle.  
Magy allatorv lap 19 no.4:135-140 Ap '64.

1. Chair of Anatomy and Histology, University of Veterinary Medicine  
(Head of Chair: Prof. Dr. Gyula Kovacs), Budapest.

GYURI, F.; HAMONI, D.

Hereditary hypoplasia of sexual organs of Hungarian piebald cattle. Acta veter Hung 13 no.4, 323-353 '63.

1. Anatomisches und Histologisches Institut (Direktor: Prof. Gy. Kovacs) der Veterinarmedizinischen Universität, Budapest.



GYURSAKSZKY, Zoltan

Metronome with neon oscillator. Radiotechnika 12 no.3:88 Mr '62.

STUROVSKIY, A.; BOZHILOV, V.

Embryonic development of neuromuscular spindles in the forearm musculature in man. Arkh. anat., gist. i embr. 48 no.5:55-60 (MIRA 19:1) My '65.

1. Kafedra normal'noy anatomii cheloveka (zav. - chlen-korrespondent Bolgarskoy Akademii Nauk prof. D. Kadanov) Sofiyskogo vysshego meditsinskogo instituta. Submitted January 29, 1961.

GYUROV, Stoyan

We have a common aim and friendship eternal as life. Sov.  
~~prof~~soiuzy 19 no.17:31-33 S '63. (MIRA 16:11)

1. Predsedatel' Tsentral'nogo soveta professional'nykh soyuzov  
Narodnoy Respubliki Bolgarii.

GYUROV, Stoyan

Active fighters for a new life. Sov. profsoiuzy 18 no.20:34-37  
0 '62. (MIRA 15:10)

1. Predsedatel' Tsentral'nogo soveta professional'nykh soyuzov  
Bolgarii.

(Bulgaria--Trade unions)  
(Bulgaria--Socialist competition)

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Feb 59

763. CONGENITAL TROUBLES OF THE ATRIO-VENTRICULAR CONDUCTIVITY  
(Bulgarian text) - Gyurov M. and Pantev Y. Dept. of Prop. of Intern.  
Med., Superior Med. Inst. 'I. P. Pavlov', Plovdiv - SAVR. MED. 1957, 4 (86-  
88)

Four cases are reported from one family (3 brothers and a sister), who had disorders in the atrio-ventricular conductivity. The oldest brother had a partial atrio-ventricular block 3:2 with rare ventricular premature beats and he died suddenly. The 2nd brother developed Adams-Stokes attacks. The ECG showed complete atrio-ventricular block with occasional ventricular premature beats. The youngest brother had partial atrio-ventricular block. The sister had atrio-ventricular nodal premature beats and flattened T-waves in the standard leads. (XVIII, 6)

KATONA, Miklos (Nagybanya, Alma u.3, Romania); GYURCCSIK, Lajos,  
egyetemi hallgato (Budapest, XI., Bartok Bela ut 62)

Motorists' letters. Auto motor 16 no.4:7 21 F '63.

1. Gepesztechnikus (for Katona).

GYUROCSIK, Lajos (Miskolc, Rudas Laszlo u.3)

With the eyes of a car driver in Rumania. Auto motor 15  
no.2:3 Jc. '62.

GYURO, Ferenc, dr., kandidatus

Hungarian sour cherry. Elet tud 19 no.11:513-515 13 Mr '64.



GYURO, Ferenc, dr., kandidatus

"Rocket methods" in fruit growing. Elet tud 17 no.47:1496-1498  
25 N '62.

GYURO, Ferenc, dr., a mezogazdasagi tudomanyok kandidatusa, egyetemi  
adjunktus

The way of fruit tree pruning. Elet tud 17 no.36:1139-1142  
9 S '62.

GYURO, F.

The effect of pruning of the Jonathan apple tree. Acta agronom Hung  
10 no.3/4:245-265 '60. (EEAI 10:6)

1. Kafedra plodovodstva vuza sadovotstva i vinogradarstva, Budapesht.  
(Apple)

RADVANYI, Laszlo; GRECK, Zoltan; VARJU, Ferenc; GYURMAN, Jeno

Effect of the properties of a line in technical telecommunication  
equipment; also, remarks by Z.Greck, F.Varju, and J.Gyurman.  
Muszakai kozl MTA 26 no.1/4:149 '60. (EEAI 9:10)

1. Belolanisz Híradastechnikai Gyar (for Radvanyi)  
(Telecommunication)

CSUROS, Zoltan, prof., dr.; GARA, Miklos; GYURKOVICS, Ida

Copolymerization of allyl alcohol and acryl nitril on the effect of a redox system. Acta chimica Hung 29 no.2:207-225 '61.

1. Institute for Organic Chemical Technology, Technical University, Budapest. 2. Editor, "Acta Chimica Academiae Scientiarum Hungaricae" (for Csuros).

(Polymers and polymerization) (Acrylonitrile)  
(Allyl alcohol)

CSUROS, Z., prof. (Budapest XI., Muegyetem rakpart 3.); GARA, M. (Budapest XI., Muegyetem rakpart 3.); GYURKOVICS, I. (Budapest XI., Muegyetem rakpart 3.); GECZY, I. (Budapest IX., Szamuely utca 30-32.)

Investigation of the interaction between dissolved polymers and solvents by means of viscosimetry. Periodica polytechn chem 5 no.2:101-121 '61.

1. Lehrstuhl fur Organisch-Chemische Technologie, Technische Universitat, Budapest. (for Csuros, Gara, Gyurkovics). 2. Vegyimuveket Tervezo Vallalat, Budapest. (for Geczy).

GYURKOVICS, I

Distr: 4E2c(j)/4E3b/4E3d

466/80.

678.5—498.3 : 532.133

Rheological studies with macromolecular substances, VIII. The interaction of dissolved polymer and solvent as shown by viscosity measurements. Z. Csürös, I. Géczy, M. Gara, I. Gyurkovics. *A Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei*, Vol. 13, 1960, No. 3, pp. 189-191, 3 figs., 1 tab.

The viscosity changes of solutions of styrene, vinyl acetate and methylmethacrylate polymers were studied in different solvents e. g. in the polymer's own monomer or in its saturated analogous compound. Such solvents were sought which show the smallest interaction with the polymer and a good solvent was looked for with which molecular weight could be determined. The suitability of the solvent was characterized by the intrinsic viscosity. With all three polymers, solutions having the lowest intrinsic viscosity were obtained when the solvent was the corresponding unsaturated monomeric compound. The sequence of solvents according to cohesion energy density was found to be the same as the sequence of increasing intrinsic viscosities. A relationship was established between the molar intrinsic viscosities and the molar volumes of the solvents.

8  
J. BW (MR)  
J. G. (NB) (May)  
3  
Sverves Kémiai  
Technológiai Intézet,  
Budapest

GYURKOVICS, Attila

High current intensity of battery chargers. Radiotechnika 14 no.10:  
390-392 C '64.



GYURKOVICS, Attila

"Dekal" electron tubes. Radiotechnika 14 no. 5:186-187  
My '64.

1. Editorial board member, "Radiotechnika."

GYURKOVICS, Attila

Two-norm sound section. Radiotechnika 14 no.1:24-25 Ja '64.

1. "Radiotechnika" olvaso szerkesztoje.

GYURKOVICS, Attila

Two-norm sound absorption. Radiotechnika 13 no.9:348-349 S '63.

1. "Radiotechnika" olvaso szerkesztoje.

GYURKOVICS, Attila

Conversion of the intercarrier intermediate-frequency amplifiers  
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Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 644

Author: Inczedy, J., and Gyurko, J.

Institution: None

Title: Production of Hydroxyl Amine by the Raschig Method

Original

Periodical: Magyar kem. folyoirat, 1956, Vol 62, No 5, 165-170 (published in Hungarian with a German summary)

Abstract: The conditions for the production of  $\text{NH}_2\text{OH}$  by the Raschig method have been investigated. The most suited method was found to be one which had been published earlier (L. Urbanek, Mezogazd. Kutatasok, 1933, Vol 6, 334) in which the optimum mole ratio was found to be  $\text{NaHSO}_3$ :  $\text{NaNO}_2 = 1:1.95$ . The effect of pH, temperature, and mixing rate on the production of  $\text{NH}_2\text{OH}$  was investigated. At optimum conditions the yield of end product can exceed 90%.

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Budapest, Magyar Sebészet, Vol 19, No 5, Oct 66; pp 307-309.

Abstract: 20 dogs under Evipan narcosis were subjected to experiments aiming at the determination of the effect of manually produced liver stresses on the blood pressure. The surgically exposed livers were manually pulled for various periods of time, and the blood pressure was measured by means of a mercury manometer. The blood pressure significantly decreased after the tractions, and this decrease could be prevented only through anesthesia of the celiac ganglion. Such an acute decrease in blood pressure was found to occur also in the case of healthy animals, which indicates that during surgical interventions in persons suffering from cardiac insufficiency great attention must be paid to fluctuations in the blood pressure. 7 references, 5 of which Hungarian

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